Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 23 May 2022 until 23:59 on Tuesday 24 May 2022

Forecast Issued on Monday 23 May 2022 at 02:27

Confidence: High for overall story and the move to changeable conditions during this week. Lower for details and timing of precipitation throughout.

Headline for Monday 23 May 2022: Mostly fine this morning, afternoon showers becoming more frequent by evening.

Mountain weather hazards on Monday 23 May 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Cloudy	Light rain showers	Light rain showers	Heavy rain showers (night)
Precipitation probability					
20%	10%	20%	30%	40%	80%

Forecast for Monday 23 May 2022

Weather: Any early low cloud soon lifting and breaking to leave a dry, bright morning with brief sunny spells. Cloud building with scattered showers likely to develop, these could locally be heavy, with a slight risk of thunder later in the day. More generally cloudy by the evening, the showers may merge to longer spells of rain for a time.

Chance of cloud-free hill tops above 600m: 60% in the west, 80% in the east overnight and early morning. Becoming greater than 95% from mid-morning, then 60% from early evening.

Low cloud and visibility: Patches of low cloud at first with bases around 500m, mainly in the western Peaks before lifting clear in the early morning. Cloud perhaps lowering to cover summits in and around heavier showers, with patches down to lower slopes, more generally during the evening. Visibility outside of cloud generally very good with distant hills visible but falling to moderate or poor in showers, and very poor in low cloud covering hills with nearby landmarks obscured.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 23 May 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 SW	12/16 W	9/13 W	12/16 W	10/15 W	11/16 W	13/19 W
300	12/15 SW	10/13 W	8/12 W	9/12 W	7/12 W	10/17 W	11/17 W
Valley	8/14 SW	7/13 W	8/14 W	7/12 W	6/12 W	7/15 W	8/15 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	8/5	9/7	8/5	8/5	6/3	6/2
300	10/7	11/9	12/10	11/9	10/8	9/7	8/6
Valley	10/9	12/11	13/11	12/10	11/10	10/8	9/7
Freezing Level*	1600m	1600m	1600m	1600m	1600m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sun protection is recommended as strong UV levels are possible in any sunny spells between showers. Be prepared for some sharp afternoon and evening showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 23 May 2022	0mm	0mm	2mm

Forecast for Tuesday 24 May 2022

Weather: Intermittent spells of rain or showers overnight, with some heavier bursts at times, then becoming breezy through the morning. Continuing with sunny spells and heavy showers through the afternoon, with a risk of hail and thunder. Showers easing through the evening and winds easing.

Maximum wind: Westerly 20 mph, gust 30-35 mph.

Chance of cloud-free hill tops above 600m: 80% increasing to 90% by the afternoon.

Low cloud and visibility: Patches of cloud to 400-500m overnight and early morning. Cloud generally lifting well above summits by the afternoon, though scraps of cloud possible to around 600m in any heavier showers that develop.

Temperature: **Valleys:** Plus 8 Celsius increasing Plus 16 Celsius.
At 600m: Plus 6 Celsius.
Freezing level: Above the summits.

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